ATTACHMENT - CLAIMS LISTING

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A mould for preparing of a wind turbine blade, a shell for a wind turbine blade or a ~~large~~ member intended to form part of a wind turbine blade, comprising:
- an air-drainage system,
- an active mould surface,
- an air-permeable surface member~~,~~ through which ~~air-permeable surface member, air may be~~ is transported between the active mould surface and the air-drainage system, wherein the air-permeable surface member forms substantially the entire active mould surface, ~~and~~
- a support structure arranged to support the air-drainage system and the air-permeable surface member, wherein the support structure provides for a major part of the load-bearing ability of the mould, and
- an airtight structure formed by at least one of said support structure forming an entire surface~~,~~ which is substantially airtight ~~and/~~or said air-drainage system being substantially airtight except towards said air-permeable surface member and one or more openings to a pressure control system.

2. (currently amended) A mould according to claim 1, wherein the air-drainage system comprises a network for transport of air~~, preferably the network follows the active mould surface~~.

3. (currently amended) A mould according to claim ~~1~~ 2, wherein the air-drainage system comprises islands of solid material, the space between which islands is comprised by the network for transport of air~~, preferably the space between the islands forms the two-dimensional network for transport of air~~.

4. (currently amended) A mould according to claim 2, wherein at least one of the islands has a cross section substantially resembling a geometrical shape, such as a circle, a triangle, a quadrangle or another polygon~~, preferably most or all of the islands have a cross section substantially resembling a geometrical shape, such as a circle, a triangle, a quadrangle or another polygon~~.

5. (previously presented) A mould according to claim 3, wherein at least two of the islands are connected by a connector and the height of said connector is smaller than the height of the islands.

6. (currently amended) A mould according to claim 2, wherein the network of the air-drainage system comprises channels for transport of air.

7. (currently amended) A mould according to claim 6, wherein the cross section of most of the channels for transport of air is greater than 1 mm^2~~, preferably greater than 4 mm2, more preferably greater than 9 mm2~~.

8. (currently amended) A mould according to claim 6, wherein some of the neighboring channels for transport of air are parallel, and wherein the distance between at least some of the parallel neighbouring channels ~~for transport of air~~ is between 0.4 cm to 20 cm~~, preferably between 0.5 cm to 5 cm, such as about 1 to 2 cm~~.

9. (currently amended) A mould according to claim ~~1~~ 6, wherein some of the channels for transport of air cross one another at crossings, and wherein the distance between at least some of the crossings of the channels ~~for transport of air~~ is between 0.5 cm to 20 cm~~, preferably between 0.7 cm to 5 cm, such as about 1 to 2 cm~~.

10. (currently amended) A mould according to claim 1, wherein the air-drainage system is at least partially integrated in the support structure~~, preferably the air-drainage system is fully integrated in the support structure~~.

11. (currently amended) A mould according to claim 1, wherein the air-drainage system is at least partially integrated in the air-permeable surface member~~, preferably the air-drainage system is fully integrated in the air-permeable surface member~~.

12. (currently amended) A mould according to claim 1, wherein the air-drainage system is positioned between the support structure and the air-permeable surface member~~, preferably as an independent member~~.

13. (currently amended) A mould according to claim 1, wherein the air-drainage system is ~~intended to be~~ is substantially airtight except towards the air-permeable surface member and at least one opening to a pressure control system.

14. (currently amended) A mould according to claim 1, wherein passage structures provide air-permeability through the air-permeable surface member, and the passage structures have openings towards the active mould surface, at least 90% of said openings covering an area corresponding to a circle with a diameter of less than 0,5 mm~~, preferably between about 10 µm to 250 µm, more preferably between 25 µm to 150 µm, such as between 50 µm to 125 µm~~.

15. (currently amended) A mould according to claim 14, wherein the density of passage structure openings towards the active mould surface is 1 to 1000 pr. cm^2~~, preferably the density is 2 to 200 pr. cm^2, more preferably the density is 5 to 100 pr. cm^2~~.

16. (currently amended) A mould according to claim 13, wherein at least 90% the passage structures have an average cross-sectional area through the air-permeable surface member corresponding to a diameter of less than 1 mm~~, preferably less than 0.5 mm, more preferably less than 0.25 mm, such as between 25 µm to 150 µm~~.

17. (currently amended) A mould according to claim 13, wherein the air-permeable surface member has an open volume comprising the passage structures of less than 20 vol-%~~, more preferably an open volume of between 0.01 to 10 vol-% and most preferably 1 to 4 vol-%, such as about 2 vol-%~~.

18. (currently amended) A mould according to claim 13, wherein at least 90% of the passage structures allow for straight transportation routes of air between the active mould surface and the air-drainage system~~, such as via drilled holes or bores~~.

19. (currently amended) A mould according to claim 13, wherein at least 90% of the passage structures allow for tortuous transportation routes of air between the active mould surface and the air-drainage system~~, such as via pores in a sintered or cured material or a foamed material~~.

20. (currently amended) A mould according to claim 13, wherein the air-transportation distance through the air-permeable layer between the active mould surface and the air-drainage system is less than 5 mm~~, preferably less than 3 mm, more preferably between 0.5 to 2.5 mm, such as between 0.75 to 2 mm~~.

21. (currently amended) A mould according to claim 1, wherein the air-permeable surface member is sufficiently rigid to prevent substantial deformation of the air-permeable surface member into the air-drainage system~~, preferably the deformation of the air-permeable surface member orthogonal to the active mould surface 12 is less than 2 mm, more preferably less than 1 mm and most preferably less than 0.5 mm~~.

22. (currently amended) A mould according to claim 1, wherein at least a part of the air-permeable surface member is heat resistant~~, preferably said part of the air-permeable surface member is mechanically and chemically stable at the curing temperature of the item to be prepared in the mould, preferably at temperatures up to at~~

~~least 80°C, more preferably at temperatures up to at least 120°C and most preferably at temperatures up to at least 180°C~~.

23. (currently amended) A mould according to claim 1, wherein the air-permeable surface member comprises a sheet of air-permeable material~~, preferably the air-permeable surface member consists of said sheet, which is connected to the air-drainage system~~.

24. (currently amended) A mould according to claim 1, wherein the air-permeable surface member comprises metal and/or plastic;

wherein the metal is selected from the group consisting of steel, aluminium and alloys comprising one or more of these;

wherein the plastic is a selected from the group consisting of thermosetting plastic, thermoresistant plastic, fibre-reinforced plastic~~,~~ ~~such as~~ including resin-deficient fibre-reinforced plastic~~,~~ ~~preferably~~ comprising carbon fibres and/or glass fibres;

the resin systems ~~preferably~~ comprising one or more systems based on epoxy, polyurethane, polyester and/or vinylester~~,~~ ~~such as~~ including epoxy novolac.

25. (currently amended) A mould according to claim 24, wherein the air-permeable surface member comprises a foamed material~~, such as a foamed thermosetting plastic or metal, or a cured, resin-deficient fibre-reinforced thermosetting plastic~~.

26. (canceled)

27. (currently amended) A mould according to claim 1, wherein the air-permeable surface member is impregnated or coated with a mould-release agent~~, preferably all the active mould surface is impregnated or coated with the mould-release agent~~.

28. (previously presented) A mould according to claim 1, wherein the support structure itself is a mould.

29. (previously presented) A mould according to claim 1, wherein the air-permeable surface member and/or the air-drainage system is secured releasably to the air-drainage system and the support structure, respectively.

30. (canceled)

31. (previously presented) A ~~subassembly~~ mould according to claim ~~30~~ 1, wherein the air drainage system and the air-permeable surface member form a subassembly, and the subassembly is capable of being plastically deformed to conform to a surface of ~~a support, such as a~~ the support structure~~, preferably the subassembly comprises a curable material~~.

32-40. (canceled)

41. (new) A mould according to claim 2, wherein the network follows the active mould surface.

42. (new) A mould according to claim 3, wherein the space between the islands forms a planar network for transport of air.

43. (new) A mould according to claim 4, wherein most or all of the islands have a cross section substantially resembling a geometrical shape, such as a circle, a triangle, a quadrangle or another polygon.

44. (new) A mould according to claim 12, wherein the air-drainage system is as an independent member.

45. (new) A mould according to claim 18, wherein the at least 90% of the passage structures are provided by holes or bores.

46. (new) A mould according to claim 19, wherein the at least 90% of the passage structures are provided by pores in a sintered or cured material or a foamed material.

47. (new) A mould according to claim 21, wherein the substantial deformation of the air-permeable surface member orthogonal to the active mould surface is less than 2 mm.

48. (new) A mould according to claim 22, wherein the at least a part of the air-permeable surface member is mechanically and chemically stable at a curing temperature of the item to be prepared in the mould.

49. (new) A mould according to claim 23, wherein the air-permeable surface member consists of said sheet, which is connected to the air-drainage system.

50. (new) A mould according to claim 27, wherein all the active mould surface is impregnated or coated with the mould-release agent.

51. (new) A mould according to claim 31, wherein the subassembly comprises a curable material.